C220-20

General

Displacement	8.3L
Bore	114mm
Cylinders	6
Stroke	135mm
Fuel System	BOSCH Pump

Technical Specification

Aspiration	Turbocharged & Aftercooled
Certification	Euro II
Weight Dry(with flywheel and alternator, but less starter and air compressor)	604kg
Weight Wet	636kg
Center Of Gravity Distance From Front End Of Cylinder Body	447mm
Center Of Gravity Distance Above Crank Centre Line	198mm
Maximum Bending Moment At Behind End Of Cylinder Body	1356N.m
Thrust bearing load limit	
Maximum intermittent	3558N
Maximum continuous	2670N

Performance Data

Idle Speed	700±100r/min
Maximum no load governed speed	2500r/min
Maximum overspeed capability (15 secs max)	3500r/min
Maximum altitude for continuous operation	3000m
Clutch engagement torque at 800r/min	600N.m
When using exhaust brakes	
Exhaust pressure,at 2720r/min,at turbocharger outlet,must not exceed	450kPa
Approximate engine retardation	114kW
Advertised Power	162kW@2200r/min
Peak Torque	800N.m@1400r/min